

Title (en)  
ADJUSTABLE DOOR HINGE

Title (de)  
VERSTELLBARES TÜRSCHARNIER

Title (fr)  
CHARNIERE REGLABLE POUR PORTES

Publication  
**EP 1828515 A1 20070905 (EN)**

Application  
**EP 04812989 A 20041202**

Priority  
US 2004040584 W 20041202

Abstract (en)  
[origin: WO2006060018A1] A door hinge providing lateral and horizontal adjustment of an engaged door with a door frame. The hinge features a base (10) for fixed engagement to a frame and a door leaf (40) for engagement to a door. The hinge pin (30) features a top end rotationally engageable with the door leaf and a bottom end eccentrically mated to a bottom end and rotationally engageable with an eccentric bushing (20) in the base. Rotation of the hinge pin translates the door leaf toward and away from the base a first distance. Rotation of the bushing translates the door leaf toward and away from the base a second distance. An adjustment bolt (50) engaged in the door leaf provides for vertical adjustment of the door leaf toward and away from the base.

IPC 8 full level  
**E05D 7/00** (2006.01); **E05D 11/00** (2006.01)

CPC (source: EP)  
**E05D 7/0027** (2013.01); **E05D 7/0054** (2013.01); **E05D 11/0054** (2013.01); **E05Y 2900/132** (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2006060018 A1 20060608**; AT E546602 T1 20120315; EP 1828515 A1 20070905; EP 1828515 A4 20090311; EP 1828515 B1 20120222

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